

Publication

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Application

**EP 99112202 A 19950802**

Priority

- EP 95112163 A 19950802
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- JP 423595 A 19950113
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- JP 16991995 A 19950705

Abstract (en)

[origin: EP0696018A2] A plurality of terminals are connected to a server via a communication network and share a predetermined common virtual space. The terminals each always send to the server the position coordinate of the viewing point and direction of eyes of its user in the virtual space, and the visual field image viewed from that viewing point is displayed on a display. Based on the position coordinate and direction of eyes of the avatar each of the other terminals received from each of the other terminals via the server, each terminal generates an avatar image in the specified direction and at the specified position and displays it in the visual field. The server is always supplied with the latest position information of the avatar from every terminal and, when the distance between two arbitrary avatars becomes smaller than a threshold value, connects speech channels of the two terminals corresponding to these avatars. <MATH>

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**G06T 15/00**

IPC 8 full level

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Citation (search report)

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- [PA] EP 0634857 A2 19950118 - IBM [US]
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- [A] BENFORD S ET AL: "Awareness, focus and aura: a spatial model of interaction in virtual worlds", PROC: HUMAN-COMPUTER INTERACTION, USA, vol. 2, 8 August 1993 (1993-08-08), ISBN 0-444-89540-X, 1993, AMSTERDAM, NL, ELSEVIER, pages 694 - 698, XP000607918
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- [PA] BENFORD S ET AL: "SUPPORTING COOPERATIVE WORK IN VIRTUAL ENVIRONMENTS", COMPUTER JOURNAL, vol. 37, no. 8, 12 January 1995 (1995-01-12), pages 653 - 668, XP000486153

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